

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A bipolar plate [[(1)]] for electrochemical systems, which contains a first plate [[(2)]] with a first flowfield [[(2a)]] for media distribution as well as a second plate [[(3)]] with a second flowfield [[(3a)]] for media distribution, wherein the first plate in the region of the first flowfield at least in regions has a plane surface section [[(4)]] from which discrete projections [[(5)]] distanced to one another and arranged in a distributed manner project, characterised in that the second plate comprises channel structures [[(7)]], and the projections [[(5)]] on the first plate as well as the channel structures [[(7)]] on the second plate [[(3)]] are arranged in a manner such that a cavity [[(8)]] for introducing cooling fluid is formed between the first [[(2)]] and the second [[(3)]] plate, whereas the channel structure on the second plate comprises a first channel which is unconnected to a second channel, and the projections [[(5)]] on the first plate [[(2)]] and the corresponding channel structures [[(7)]] on the second plate [[(3)]] are designed such that the projections [[(5)]] form a cross-over of cooling fluid from a first channel [[(7.1)]] of the channel structure to a second channel [[(7.2)]] of the channel structure.

2 - 17 (Canceled)